FIGURE 1

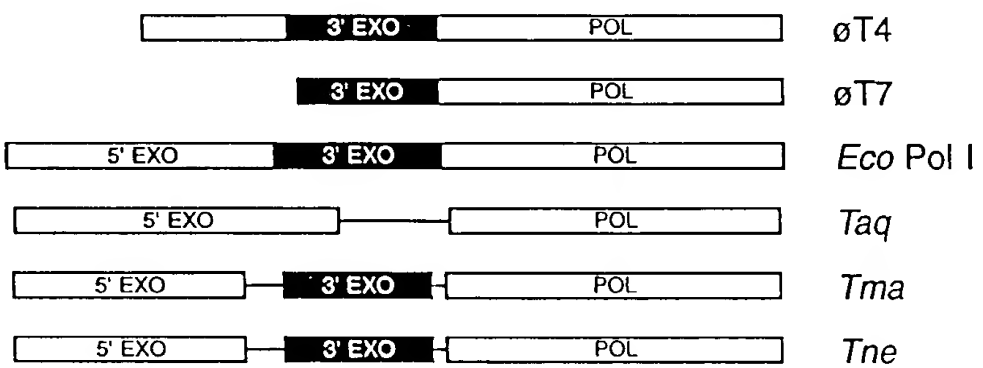

3' EXO
POL
øT4
3' EXO
POL
øT7
5' EXO
3' EXO
POL
Eco Pol I
5' EXO
POL
Taq
5' EXO
3' EXO
POL
Tma
5' EXO
3' EXO
POL
Tne

FIGURE 2

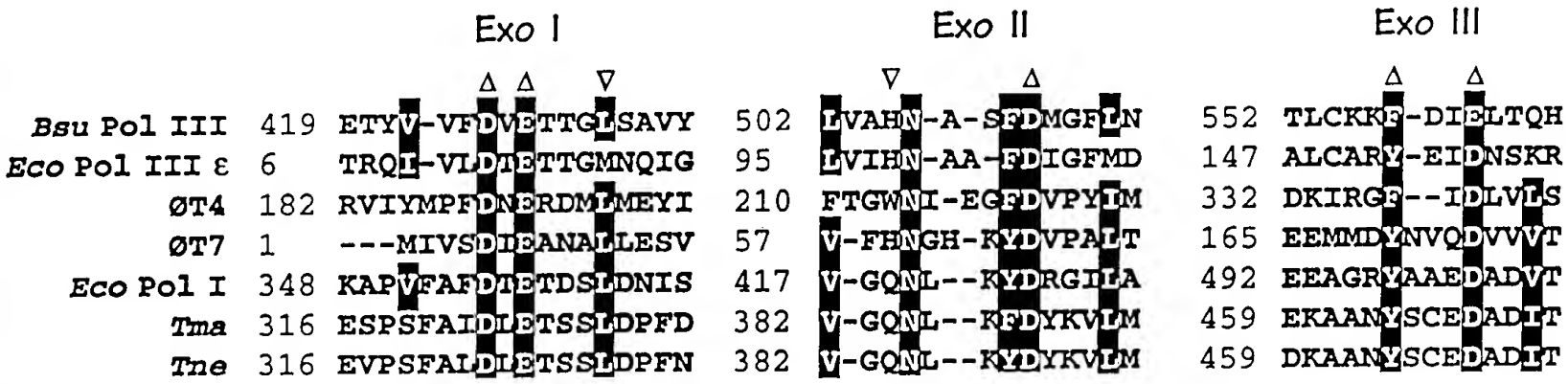

Exo I
Exo II
Exo III
Bsu Pol III 419 ETYV-VFDVETTGLSAVY 502 LVAHN-A-SFDMGFLN 552 TLCKKF-DIELTQH
Eco Pol III ε 6 TRQI-VLDTETTGMNQIG 95 LVIHN-AA-FDIGFMD 147 ALCARY-EIDNSKR
ØT4 182 RVIYMPFDNERDMLMEYI 210 FTGWNI-EGFDVPYIM 332 DKIRGF--IDLVLS
ØT7 1 ---MIVSDIEANALLESV 57 V-FHNGH-KYDVPALT 165 EEMMDYNVQDVVVT
Eco Pol I 348 KAPVFAFDTETDSLDNIS 417 V-GQNL--KYDRGILA 492 EEAGRYAAEDADVT
Tma 316 ESPSFAIDLETSSLDPFD 382 V-GQNL--KFDYKVLM 459 EKAANYSCEDADIT
Tne 316 EVPSFALDLETSSLDPFN 382 V-GQNL--KYDYKVLM 459 DKAANYSCEDADIT

FIGURE 3

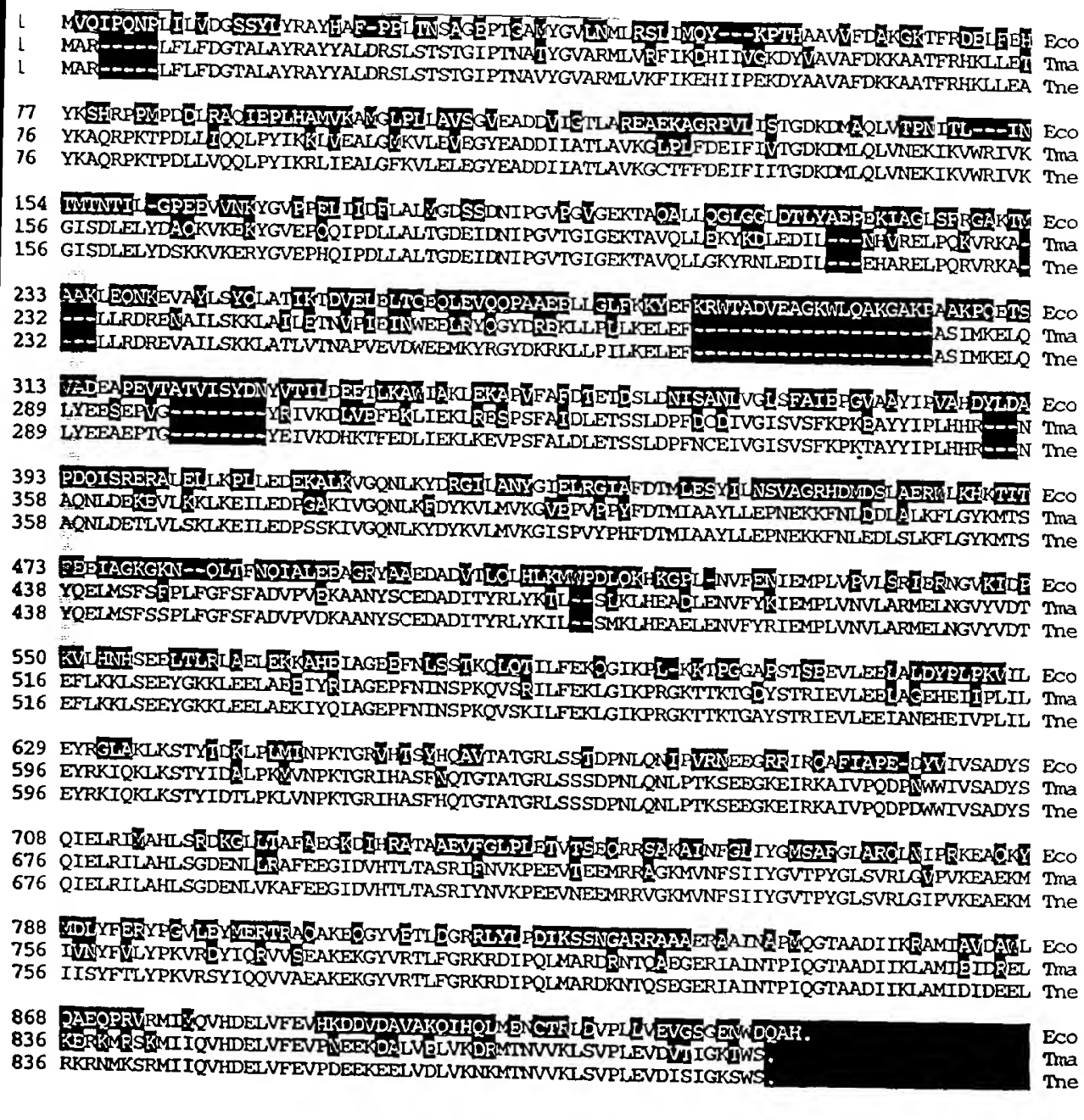


FIGURE 4

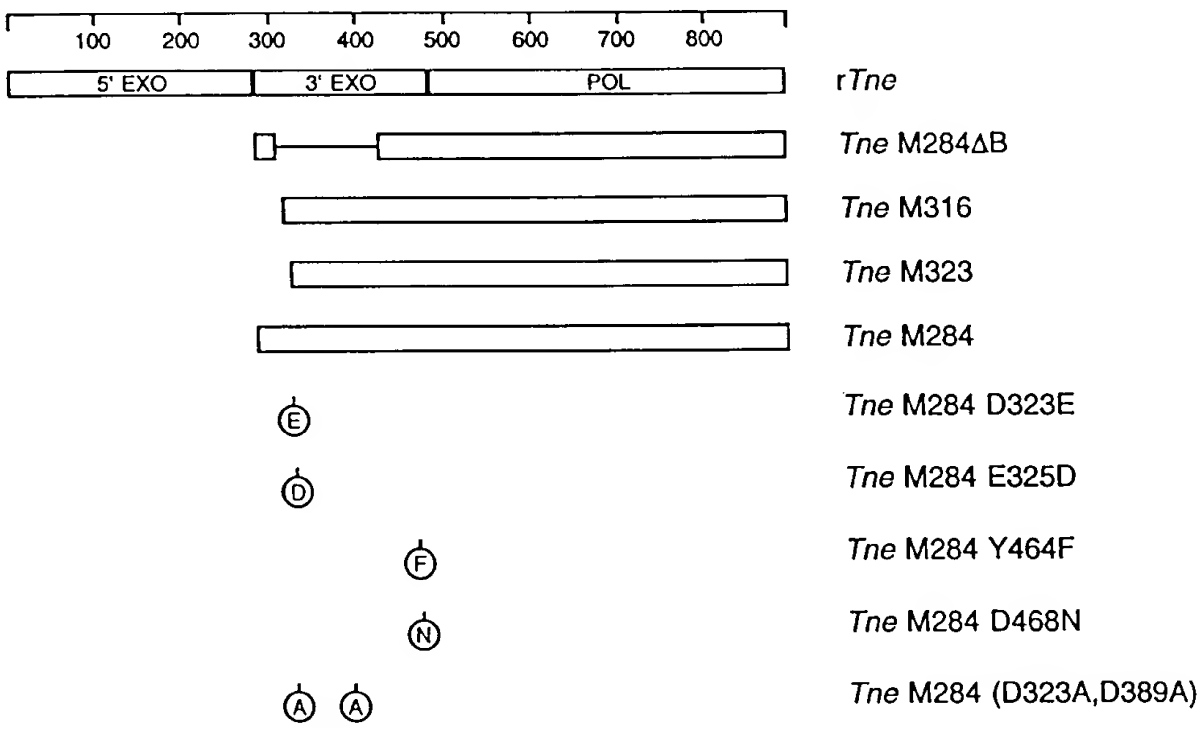
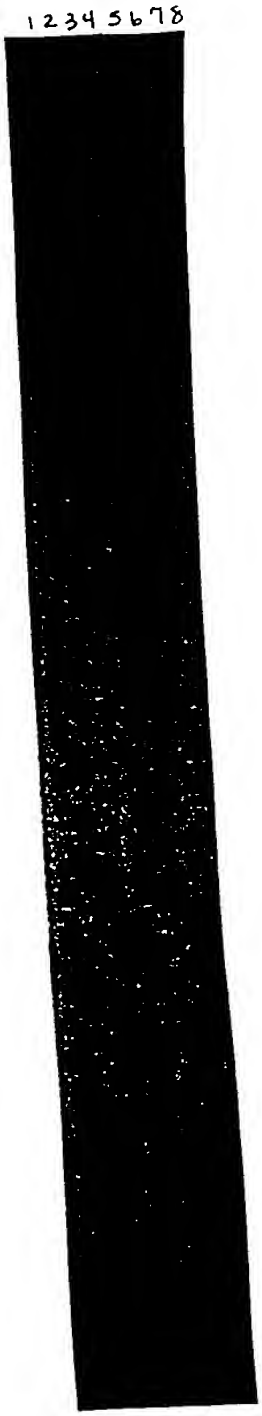

100
200
300
400
500
600
700
800
5' EXO
3' EXO
POL
rTne
Tne M284ΔB
Tne M316
Tne M323
Tne M284
E
Tne M284 D323E
D
Tne M284 E325D
F
Tne M284 Y464F
N
Tne M284 D468N
A
A
Tne M284 (D323A,D389A)

FIGURE 5

A



B

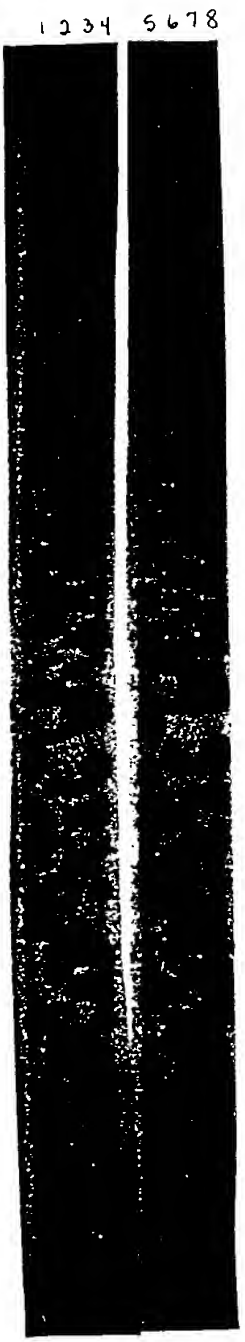


FIGURE 6